

# AmTrade: A357 The Real HD-Drive

## A4000 DESKTOP INTERNAL INSTALLATION GUIDE

### Installing the Floppy Drive in Amiga 4000 Desktop Computers

1. Turn off and disconnect the Amiga.
2. Remove the Amiga's cover using a Phillips-head screwdriver to remove the two screws at the upper corners of the rear of the main unit.
3. Grasp the cover on both sides and slide it backward and up.
4. Disconnect the keylock and LED assembly wiring from the motherboard.
5. Remove the front faceplate. The faceplate has several plastic tabs that hold it to the metal chassis. Squeezing the tabs and pushing them through the chassis holes will release the faceplate. You may need a small pair of pliers to do this.
6. Disconnect the power and ribbon cables from the existing drive(s) in the front area. Note the orientation of the connectors before you remove them so that you can replace them properly when you are done.
7. Unscrew the two front mounting bracket screws and slide the bracket and drive(s) out of the main unit.
8. Slide the A357 HD drive into the bracket and secure it with screws through the side mounting holes.
9. Now it is time to decide whether you will be installing your disk drive as DF0: (first or only drive) or as DF1: (second drive).

#### Setting the Floppy Disk Drive ID:

With the rear of the floppy disk drive facing you, locate a set of pins which consists of 3 pins across the top and 3 pins across the bottom rows (jumper positions 1 thru 3). Factory setting (DF0: first or only floppy device) is designated with a jumper placed on Position 1. See diagram below:

3 . . [.]  
    . . [.] 1

(DF1: second floppy device) is designated with a jumper placed on Position 2. See diagram below:

3 . [.] .  
    . [.] . 1

10. Replace the bracket and drives in the main unit, and secure it with the two screws.
11. Connect the drives' power and ribbon cables. Be sure the orientation of both cables is correct. The pin 1 side of a ribbon cable has a colored stripe along the edge. The pin 1 end of a drive connector is usually indicated by a small "1" printed near it on the drive circuit board. The pin 1 end of the cable connector should be at the pin 1 end of the drive connector. Therefore, hold the cable so that the colored stripe is on the left side as you face the back of the A357 drive. Now, gently slide the female ribbon cable connector onto the male connector at the rear of the A357. The power connectors are shaped to prevent you from inserting them the wrong way.

#### Note on Floppy Drive Installation:

Drive df0: is attached to the connector in the middle of the ribbon cable. Be sure that when you reconnect df0:, you use this connector. Other Amiga models attach df0: at the end of the floppy ribbon cable, after a small twist at the end. On the A4000, this end of the floppy cable is used for df1:

12. Remove the cover panel for the bay in which you installed the new drive from the inside of the faceplate.
13. Reconnect the keylock and LED assembly.
14. Replace the faceplate on the chassis.
15. Reassemble the Amiga, reconnect peripherals and power, then test the new drive.

**AmTrade: A357 The Real HD-Drive**  
**A4000 Tower Internal Installation Guide**

Installing the Floppy Drive in Amiga 4000 Tower Computers.

1. Turn off and disconnect the Amiga.
2. Remove the Amiga's cover using a Phillips-head screwdriver to remove the five screws at the rear of the main unit.
3. Grasp the cover on the right side and slide it backward and out.
4. Remove the front faceplate. The faceplate has six tabs that hold it to the metal chassis. You may need a small flat-edge screwdriver to do this.
5. Now it is time to decide whether you will be installing your disk drive as DF0: (first or only drive) or as DF1: (second drive).

Setting the Floppy Disk Drive ID:

With the rear of the floppy disk drive facing you, locate a set of pins which consists of 3 pins across the top and 3 pins across the bottom rows (jumper positions 1 thru 3). Factory setting (DF0: first or only floppy device) is designated with a jumper placed on Position 1. See diagram below:

3 . . [.]  
      . . [.] 1

(DF1: second floppy device) is designated with a jumper placed on Position 2. See diagram below:

3 . [.] .  
      . [.] . 1

6. Connect the drives' power and ribbon cables. Be sure the orientation of both cables is correct. The pin 1 side of a ribbon cable has a colored stripe along the edge. The pin 1 end of a drive connector is usually indicated by a small "1" printed near it on the drive circuit board. The pin 1 end of the cable connector should be at the pin 1 end of the drive connector. Therefore, hold the cable so that the colored stripe is on the left side as you face the back of the A357 drive. Now, gently slide the female ribbon cable connector onto the male connector at the rear of the A357. The power connectors are shaped to prevent you from inserting them the wrong way.

Note on Floppy Drive Installation:

Drive df0: (Sony 880k) is attached to the connector at the end of the ribbon cable. Drive df1: (Amtrade 1.76MB) is attached to the connector in the middle of the ribbon cable. Please note: If you decide to remove your Sony 880k disk drive and replace it with the Amtrade HD disk drive, it may be necessary for you to obtain an alternate 34 pin ribbon cable (one with a small twist at the end). Please contact your dealer for further information.

7. Replace the faceplate on the chassis.
8. Reassemble the Amiga, reconnect power, then test the new drive.